

# THE AROMAVERSE-FZCO

\*\*\*\* MATERIAL SAFETY DATA SHEET \*\*\*\*

## Geranyl Acetate

### Section 1 - Chemical Product and Company Identification

**MSDS Name** : Geranyl Acetate

**Synonyms** : 3,7-Dimethyl-2,6-octadien-1-ol acetate; Geranyl acetate

**Company Identification** THE AROMAVERSE-FZCO  
A6-3648479202, Premises No. A6-003-B ,  
IFZA Business Park, DDP. DUBAI, UNITED ARAB EMIRATES.  
Email: info@aromaverse.net

### Section 2 - Composition, Information on Ingredients

CAS#	Chemical Name	%	EINECS#	
105-87-3	Geranyl Acetate	99%Min	-	

Hazard Symbols: None Available

Risk Phrases: None Known.

### Section 3 - Hazards Identification

#### EMERGENCY OVERVIEW

#### POTENTIAL HEALTH EFFECTS

Classification of the product

Skin Corr./Irrit. 2 Skin corrosion/irritation

Skin Sens. 1 Skin sensitization

Aquatic Acute 2 Hazardous to the aquatic environment – acute

Aquatic Chronic 3 Hazardous to the aquatic environment - chronic

Label elements

Pictogram:



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Signal Word:

Warning

Hazard Statement:

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H412 Harmful to aquatic life with long lasting effects.

H401 Toxic to aquatic life.

Precautionary Statements (Prevention):

P280 Wear protective gloves.

P261 Avoid breathing mist or vapour or spray.

P273 Avoid release to the environment.

P272 Contaminated work clothing should not be allowed out of the workplace.

P264 Wash contaminated body parts thoroughly after handling.

Precautionary Statements (Response):

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P333 + P313 If skin irritation or rash occurs: Get medical attention.

P332 + P313 If skin irritation occurs: Get medical attention.

P362 + P364 Take off contaminated clothing and wash it before reuse.

Precautionary Statements (Disposal):

P501 Dispose of contents/container in accordance with local regulations.

Hazards not otherwise classified

No data available.

## Section 4 - First aid Measures

<b>Eyes</b>	Rinse immediately with plenty of water for 10 minutes at least.
<b>Skin</b>	Wash thoroughly with soap and water; flush with plenty of water.
<b>Ingestion</b>	Wash the mouth with water; seek medical advice immediately.
<b>Inhalation</b>	Move from exposure site to fresh air and keep at rest.
<b>Notes to Physician</b>	Treat symptomatically.

## Section 5 - Fire Fighting Measures

<b>General Information</b>	Closed containers may build up pressure at elevated temperatures. If possible, containers should be cooled with a water spray.
<b>Extinguishing Media</b>	CO2, foam, dry chemicals.

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## Section 6 - Accidental Release Measures

**General Information** Prevent any contact with hot surfaces. Do not approach facing the wind.

**Spills/Leaks** Contain spilled material. Cover with an inert, non-combustible, inorganic absorbent material.

## Section 7 - Handling and Storage

**Handling** Apply according to good manufacturing and industrial hygiene practices with proper ventilation.

**Storage** Store in cool, dry and ventilated area away from heat sources and protected from light in tightly closed original container.

## Section 8 - Exposure Controls, Personal Protection

**Engineering Controls** Ensure good ventilation of the work station.

### PERSONAL PROTECTIVE EQUIPMENT

**Eyes** Use safety glasses.

**Skin** Avoid skin contact. Use chemical resistant gloves as needed.

**Respirators** Wear a NIOSH/MSHA or European Standard EN 149 approved full-facepiece airline respirator in the positive pressure mode with emergency escape provisions



## Section 9 - Physical and Chemical Properties

Form: liquid

Odour: sweetish

Odour threshold: < 100 ppm

Colour: colourless

pH value: not applicable

Melting point: < -100 °C

( 1,013 hPa)

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(OECD Guideline

102)

Freezing point: No data available.

Boiling point: 243.97 °C

( 1,013.25 hPa)

(measured)

Flash point: 109.5 °C (DIN 51758, closed cup)

Flammability: hardly combustible (derived from flash point)

Lower explosion limit: For liquids not relevant for classification and labelling. The lower explosion point may be 5 - 15 °C below the flash point.

Upper explosion limit: For liquids not relevant for classification and labelling.

Autoignition: 252 °C (DIN EN 14522)

SADT: Study scientifically not justified.

Vapour pressure: 0.4 mbar

( 50 °C)

0.013 hPa

( 20 °C)

(OECD Guideline

104)

Density: 0.912 g/cm<sup>3</sup>

( 25 °C)



Relative density: 0.915

( 20 °C, 1,013 hPa)

Literature data.

Vapour density: > 1

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( 20 °C)

Heavier than air.

(calculated)

Partitioning coefficient noctanol/water (log Pow):

4.5

( 25 °C)

(calculated)

4.04

Literature data.

(measured)

Refractive index: 1.460 - 1.464

( 20 °C )

Self-ignition

temperature:

Based on its structural properties the product is not classified as selfigniting.

Thermal decomposition: approx. 301 °C (DSC (DIN 51007))

Viscosity, dynamic: 2.47 mPa.s

( 20 °C)

(OECD 114)

1.68 mPa.s

( 40 °C)

(OECD 114)

Viscosity, kinematic: 2.71 mm<sup>2</sup>/s

( 20 °C)

(OECD 114)

1.88 mm<sup>2</sup>/s

( 40 °C)

(OECD 114)



Particle size: The substance / product is marketed

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or used in a non solid or granular form.

Solubility in water: 29 mg/l  
( 20 °C)

Solubility (qualitative): soluble  
solvent(s): organic solvents,

Molar mass: 196.29 g/mol

Evaporation rate: Value can be approximated from  
Henry's Law Constant or vapor  
pressure.

## Section 10 - Stability and Reactivity

### Chemical Stability

Stable under normal temp and pressure.

### Conditions to Avoid

Avoid contact with strong acids, alkali or oxidizing agents.

**Incompatibilities with Other Materials** strong acids, alkali or oxidizing agents.

**Hazardous Decomposition Products** Carbon Monoxide and carbon Dioxide

**Hazardous Polymerization** Not Known.



## Section 11 - Toxicological Information

Primary routes of exposure

Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

Acute Toxicity/Effects

Acute toxicity

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Assessment of acute toxicity: Virtually nontoxic after a single ingestion. Virtually nontoxic after a single skin contact. The product has not been fully tested. The statements have been derived in parts from products of a similar structure or composition.

Oral

Type of value: LD50

Species: rat

Value: 6,330 mg/kg

Inhalation

No data available.

Dermal

Type of value: LD50

Species: rabbit

Value: > 5,460 mg/kg

The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Assessment other acute effects

Assessment of STOT single:

Based on available data, the classification criteria are not met.

Irritation / corrosion

Assessment of irritating effects: Skin contact causes irritation. Not irritating to the eyes. The product has not been fully tested. The statements have been derived in parts from products of a similar structure or composition.

Skin

Species: rabbit

Result: Irritant



A handwritten signature in blue ink, consisting of a series of loops and a long horizontal stroke.

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Method: Draize test

Species: rabbit

Result: Irritant.

Method: OECD Guideline 404

The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Eye

Species: rabbit

Result: non-irritant

Method: OECD Guideline 405

The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Sensitization

Assessment of sensitization: May cause sensitization by skin contact.

Species: mouse

Result: sensitizing

Method: OECD Guideline 429

Aspiration Hazard

No aspiration hazard expected.

Chronic Toxicity/Effects

Repeated dose toxicity

Assessment of repeated dose toxicity: No substance-specific organotoxicity was observed after repeated administration to animals. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Genetic toxicity

Assessment of mutagenicity: In the majority of tests performed (bacteria/microorganisms/cell



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cultures) a mutagenic effect was not found. A mutagenic effect was also not observed in in-vivo assays.

## Carcinogenicity

Assessment of carcinogenicity: In long-term studies in rats and mice in which the substance was given by gavage, a carcinogenic effect was not observed. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

## Reproductive toxicity

Assessment of reproduction toxicity: Repeated dermal uptake of the substance did not cause damage to the reproductive organs. The results were determined in a Screening test (OECD 421/422). The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

## Teratogenicity

Assessment of teratogenicity: In animal studies the substance did not cause malformations. The results were determined in a Screening test (OECD 421/422). The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.



## Section 12 - Ecological Information

**Other** .None Available.

## Section 13 - Disposal Considerations

Dispose of in a manner consistent with federal, state, and local regulations.

## Section 14 - Transport Information

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	IATA	IMO	RID/ADR
Shipping Name:	Not Regulated	Not Regulated	Not Regulated
Hazard Class:			
UN Number:			

## Section 15 - Regulatory Information

European/International Regulations:

European Labeling in Accordance with EC Directives



Hazard Symbols:

Risk Phrases: R20/21/22

R36/37/38

Safety Phrases: Not Available.

United Kingdom Occupational Exposure Limits: Not Known.

Canada : Product is on the DSL list.

Exposure Limits

US FEDERAL

TSCA : Product is listed on the TSCA list.

## Section 16 - Additional Information

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*The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if the company has been advised of the possibility of such damages. -----*

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